Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 17 Dec 2020 until 23:59 on Friday 18 Dec 2020

Forecast Issued on Wednesday 16 Dec 2020 at 13:01

Confidence: High for sunshine and showers by day Thursday, then a series of rain bands interspersed with showers crossing from the west, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Thursday 17 Dec 2020: Showers by day. Windy at height. Rain during evening.

Mountain weather hazards on Thursday 17 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Light rain showers (night)	Heavy rain showers (night)	Light rain showers	Sunny intervals	Sunny intervals	Cloudy	Heavy Rain
Precipitation probability							
40%	30%	40%	30%	20%	10%	10%	90%

Forecast for Thursday 17 Dec 2020

Weather: Clear then sunny spells mixed with quite frequent showers through to late morning, with some turning heavy, particularly in the west bringing the risk of hail and thunder. Showers dwindling after late morning, with most staying dry with increasing sunny spells for the afternoon. Rain spreading from the west during the evening.

Chance of cloud free mountain/hill tops above 600m: Initially in west 60% and in east 75% with bases lowering 450-650m in showers, becoming during the afternoon 80 and 95% respectively as showers decay, finally lowering 20-30% by late evening as rain spreads from the west.

Visibility: Good or very good sporadically lowering moderate or poor in showers, then more generally in periods of rain late evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 17 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 SW	17/24 SW	20/28 SW	21/31 SW	21/30 SW	18/27 SW	21/30 S	25/37 S	26/40 S
300	11/26 SW	11/24 SW	12/26 SW	14/28 SW	14/27 SW	10/23 SW	11/25 S	16/34 S	17/36 S
Valley	10/24 S	8/20 SW	10/24 SW	11/25 SW	12/25 SW	10/23 S	11/27 S	15/35 S	15/34 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-2	3/-2	4/-2	4/-2	4/-1	5/-1	5/-0	6/0
300	5/1	5/2	5/1	6/2	6/2	6/3	6/3	7/3	8/4
Valley	6/3	6/4	6/3	7/4	8/5	8/5	8/5	9/5	9/6
Freezing Level*	1200m	1100m	1100m	1200m	1100m	1300m	1600m	2000m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height with significant wind chill initially. Risk of thunderstorms at first in west. Best of conditions during afternoon. Hill fog and summit gales by late evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 16 Dec 2020	7.8mm	8mm	22.4mm

Forecast for Friday 18 Dec 2020

Weather: Quite unsettled with showers or longer periods of rain. Best chance of drier spells during the morning with perhaps some limited brightness, with more persistent and heaviest rain expected between mid-afternoon and mid-evening, particularly in the west.

Maximum wind: South mean 30mph with gusts reaching 45-50mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 30% during the morning, then 15% from the afternoon as bases become quite extensive from 450-600m

Visibility: Moderate or good, occasionally poor or very poor.

Temperature: **Valleys:** Plus 5 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 6-8 Celsius
Freezing level: Above all summits

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